

## **EXHIBIT A:**

Application of Intelsat LLC To Modify Authorization and  
Exhibit 1: Technical Description and Other Information Required Under Section 25.114(c)

Before the  
**FEDERAL COMMUNICATIONS COMMISSION**  
Washington, D.C. 20554

In the Matter of:

**INTELSAT LLC**

Application to Modify Authorizations to  
Operate, and to Further Construct, Launch,  
and Operate C-band and Ku-band Satellites  
that Form a Global Communications  
System in Geostationary Orbit

**File Nos. SAT-A/O-20000119-00015**

**Application of Intelsat LLC  
To Modify Authorization**

Intelsat LLC ("Intelsat") hereby submits the following request for modification of its space station authorization for INTELSAT 706 to permit its use at 50.25° E.L. orbital location. Currently, Intelsat is authorized to use the 50.5° E.L. location and operates INTELSAT 602 at that location subject to certain conditions.<sup>1</sup> By this application, pursuant to Sections 308, 309 and 319 of the Communications Act of 1934, as amended, 47 U.S.C. §§ 308, 309 and 319 and Part 25 of the Commission's rules, 47 C.F.R. Part 25, Intelsat hereby requests authority from the Federal Communications Commission to make the following modification to its authorization for the satellite listed below:

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<sup>1</sup> On November 5, 2003, the International Bureau modified Intelsat's authorization for the INTELSAT 602 satellite modified to allow Intelsat to operate the INTELSAT 602 satellite at the 50.5 E.L. location subject to several conditions. *See* Public Notice, Policy Branch Information, DA No. 03-3667, Report No. SAT-00178 (dated Nov. 18, 2003).

1. INTELSAT 706 (S2401), File No. SAT-A/O-20000119-00015. Intelsat requests modification of its license to relocate INTELSAT 706 from 53.0° W.L. to 50.25° E.L. Intelsat plans to start the relocation of the INTELSAT 706 satellite in September/October 2004 and arrive at the new location in October/November 2004.

As explained in the following sections, grant of the instant modification will serve the public interest by enabling Intelsat to implement deployment plan changes to respond to customer demands and ensure continuity of service.

In accordance with the requirements of Section 25.117(d) of the Commission's Rules, 47 C.F.R. § 25.117(d), a completed FCC Form 312 is attached for this modification.

## **I. BACKGROUND**

On August 8, 2000, the Commission granted Intelsat authority to operate 17 in-orbit C-band and Ku-band satellites then owned and operated by the International Telecommunications Satellite Organization ("INTELSAT"). The Commission also granted Intelsat authority to construct, launch and operate 10 planned satellites. The authorization also allowed Intelsat to relocate, among 22 orbit locations, certain currently operating satellites upon the launch of the 10 planned satellites.<sup>2</sup>

As explained in Intelsat's initial application, in order to accomplish its diverse missions, the Intelsat system is a dynamic system that is quick to respond to business demands and customer needs. To this end, Intelsat regularly relocates its satellites to

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<sup>2</sup> See *Applications of Intelsat LLC for Authority to Operate and to Further Construct, Launch, and Operate C-Band and Ku-Band Satellites that Form a Global Communications System in Geostationary Orbit*, 15 FCC Rcd 15460 (2000) (Memorandum Opinion Order and Authorization), *recon. denied*, 15 FCC Rcd 25234 (2000) (Order on Reconsideration).

optimize satellite usage, satisfy customer requirements and maximize the utilization of orbital resources.<sup>3</sup>

The instant application for modification of the INTELSAT 706 license is the result of further evaluation and refinement of Intelsat's satellite deployment plan to meet its customers' needs. The requested modification is fully described below.

## **II. PROPOSED MODIFICATION**

INTELSAT 706 is currently authorized and operates at the 53.0° W.L. location. INTELSAT plans to relocate the INTELSAT 707 satellite to 53.0° W.L. in August/September 2004.<sup>4</sup> Intelsat plans to relocate INTELSAT 706 from its current location to 50.25° E.L. and requests modification of its license to permit the planned move. Intelsat plans to start the relocation of INTELSAT 706 in September/October, 2004 and have the satellite at the 50.25° E.L. location in October/November 2004.

At the 50.25° E.L. location, Intelsat seeks to operate INTELSAT 706 in accordance with the Turkish Administration Ku-band ITU filing and Thai Administration C-band ITU filing and will submit to the FCC relevant Agreements with those administrations shortly. As the Commission is aware, Intelsat currently has an FCC authorization subject to certain conditions and operates INTELSAT 602 at the 50.5° E.L. location under agreements with Thailand and Turkey. Intelsat agrees to operate

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<sup>3</sup> See, e.g., *Application of Intelsat LLC to Modify Authorizations to Operate, and to Further Construct, Launch, and Operate C-band and Ku-band Satellites that Form a Global Communications System in Geostationary Orbit*, 16 FCC Rcd 16208 (2001) (Order and Authorization).

<sup>4</sup> On July 27, 2004, Intelsat filed a notification of modification of authorization for the INTELSAT 707 satellite to move to the 53.0° W.L. orbital location pursuant to the streamlined fleet management process. See Notice of Intelsat LLC of Modification of Authorization, File No. SAT-MOD-20040727-00147 (filed July 27, 2004).

INTELSAT 706 at 50.25° E.L. subject to similar conditions, within the limits of the agreements with Turkey and Thailand and within the coordination agreements that they have reached with other Administrations.

### **III. PUBLIC INTEREST SHOWING**

The proposed relocation of INTELSAT 706 to the new location will serve the public interest. Not only will the modification promote efficient use of the orbital arc, it will also provide Intelsat with the capacity needed to meet the needs of its customers.

The Commission has traditionally provided licensees with the flexibility to adjust to changed circumstances and best serve their customers' needs. In particular, licensees are routinely permitted to re-locate satellites in order to maximize their efficient use of orbital resources. For example, in approving AMSC's 1998 request to relocate one of its satellites, the Commission stated that licensees are "in a better position" to determine how to tailor their systems "to meet the particular needs of [their] customers."<sup>5</sup> As a result, the Commission further explained, "the Commission will generally grant a licensee's request to modify its system, provided there are no compelling countervailing public interest considerations."<sup>6</sup>

Most importantly, the proposed modification will ensure continuity of service to Intelsat's customers, as well as provide service to new customers that desire such service.

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<sup>5</sup> See *AMSC Subsidiary Corporation*, 13 FCC Rcd 12316, 12318 (1998) (Order and Authorization).

<sup>6</sup> *Id.*

#### **IV. CONCLUSION**

For the reasons explained in the previous sections, Intelsat requests modification of its authorization for INTELSAT 706 to permit implementation of the change in the deployment plan described herein.

Respectfully submitted,

**Intelsat LLC**

By: /s/ Patrick J. Cerra

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Patrick J. Cerra  
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July 29, 2004

## **INTELSAT 706 MODIFICATION**

### **EXHIBIT 1 Technical Description and Other Information Required Under Section 25.114(c)**

The Applicant, Intelsat LLC, hereby applies for authority to relocate INTELSAT 706, a geostationary satellite that is already in orbit and operating in the C-band and Ku-band currently at 53°W.L. to the orbital location 50.25°E.L. Intelsat plans to start the drift in September/October 2004 and have the satellite at the new location in October/November 2004.

The technical parameters of the spacecraft remain unchanged. Specific technical information for the INTELSAT 706 satellite at the 50.25° E.L. location, as required by Section 25.114(c) of the Commission's Rules, is presented below.

#### **NAME AND ADDRESS OF APPLICANT**

The Applicant is:

Intelsat LLC  
3400 International Drive, N.W.  
Washington, D.C. 20008-3098  
(202) 944-6800

## **NAME AND ADDRESS OF CONTACT PERSONS**

The contact person within the Applicant's organization is:

Dr Milenko Stojkovic  
Intelsat Global Services Corporation  
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The Applicant's counsel is:

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Correspondence and communications concerning this application should be addressed to the contact person within the Applicant's organization, with copies to the above counsel.

## **TYPE OF AUTHORIZATION REQUESTED**

This application requests FCC authority to relocate and continue to operate a satellite in the Fixed-Satellite Service operating in the C-band and Ku-band. Intelsat LLC seeks authority for INTELSAT 706 to operate on both a common carrier and non-common carrier basis.

## **TECHNICAL INFORMATION**

Intelsat is not changing any technical information provided in the original application for the license of INTELSAT 706. The information relevant to the new orbital location is provided below.

### **A. Satellite Coverage**

Information regarding the coverage of the INTELSAT 706 satellite from the 50.25° E.L. location is provided in Attachment 1.



## **WAIVERS REQUESTED**

It is requested that the waivers granted to the INTELSAT 706 spacecraft at the 53.0° W.L. location continue to apply the 50.25° E.L. location.

## **PUBLIC INTEREST CONSIDERATIONS**

A detailed statement regarding the public interest considerations supporting grant of this application can be found in Part 1 this application.

## **ENGINEERING CERTIFICATE**

The Engineering Certificate supporting the technical information contained in this application is attached.

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## **ENGINEERING CERTIFICATE**

I hereby certify that I am the technically qualified person responsible for the preparation of the engineering information contained in the technical portions of the foregoing application, that I am familiar with Part 25 of the Commission's rules, and that the technical information is complete and accurate to the best of my knowledge and belief.

/s/ Milenko P. Stojkovic

Milenko P. Stojkovic, Ph.D.

Intelsat Global Service Corporation

July 29, 2004